

Exhibit 9 – Measured Data Index

Motorola Customer Premise Equipment (CPE)

FCC ID: MIJTELCPE-USB-01

Telaxis Model No. XCV-31-UB1H-R2

9.0 Measured Data Index

9.1 *RF Output Measured Data*

9.1.1 Transmitter Output Power

The CPE Data transmitter has a normal output power range from -20dBm to +12dBm. At saturation, the output power is typically +24dBm. The CPE Data transmitter was operated at its saturation output level.

9.1.2 Effective Isotropic Radiated Power (EIRP)

The calculated EIRP based on the saturated output power of the CPE is:

$$\begin{aligned}\text{Power (sat.)} &= +24\text{dBm} = -6 \text{ dBW} \\ \text{Antenna Gain} &= 35 \text{ dBi} \\ \text{EIRP} &= -6 + 35 = 29 \text{ dBW}\end{aligned}$$

Based on a occupied bandwidth of 2.88 MHz, the EIRP referenced to a 1 MHz bandwidth is 24.4 dBW/MHz.

9.2 Occupied Bandwidth Graphs

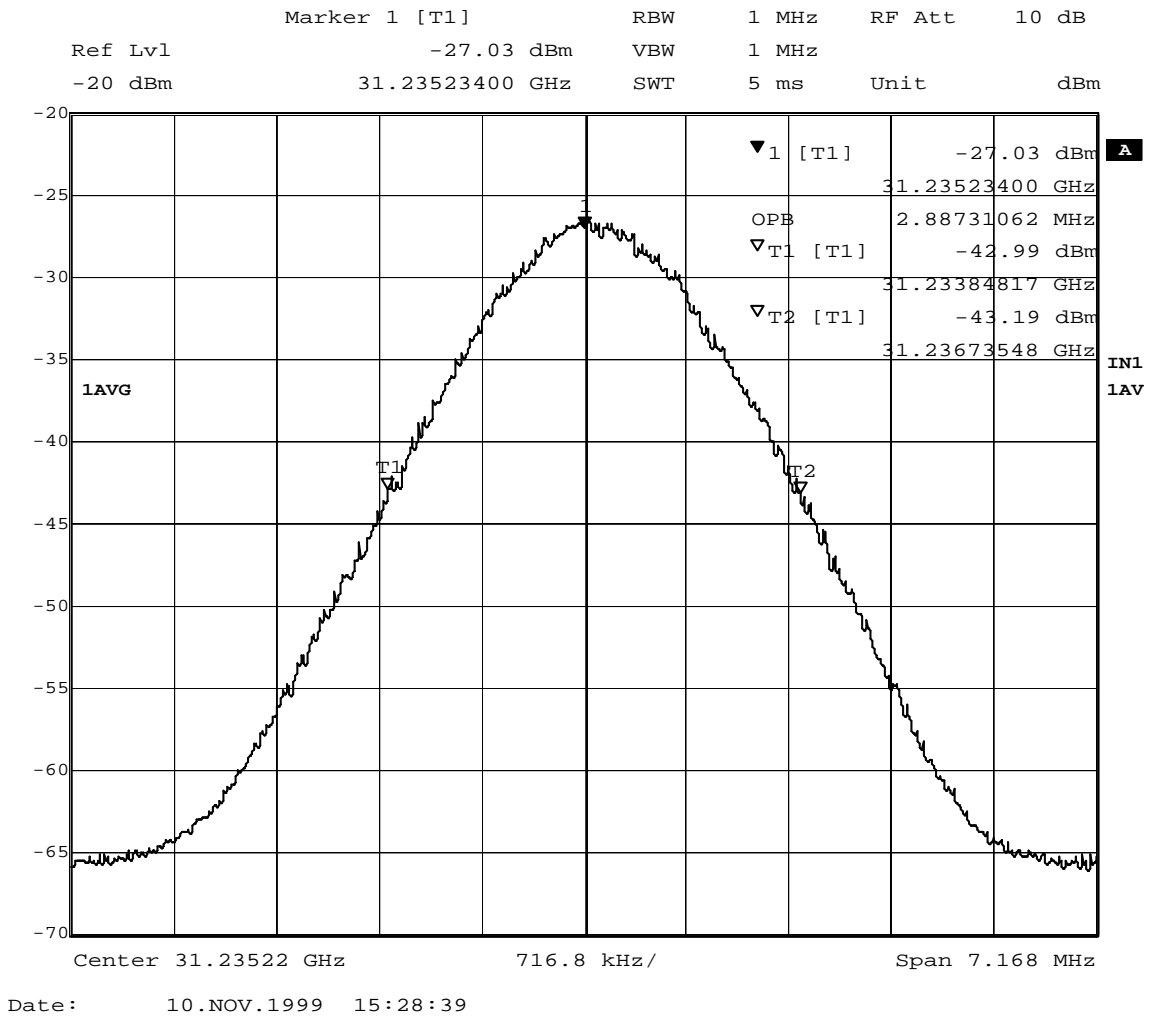


Figure 9.2-1 CPE Data Occupied Bandwidth Graph

9.3 FCC Radiated Spurious Emissions Graphs

| Emission Frequency (GHz) | Received Power Level (dBμV) | Measurement Bandwidth | Cable Loss * (dB) | Antenna Factor (dB) | Radiated Emission Level (dBμV/m/4kHz BW) | Limit Level (dBμV/m/4kHz BW) | Comments | dB above the limit |
|--------------------------|-----------------------------|-----------------------|-------------------|---------------------|--|------------------------------|---|--------------------|
| 31.2353 | 106.39 | 1 MHz | 6 | 35.9 | 148.3 | n/a | CPE Data Carrier - Level not corrected to 4kHz BW | |
| 31.2080 | 45.26 | 1 kHz | 7 | 35.9 | 88.2 | 107.5 | Spurious Emission - CW signal not corrected to 1MHz BW | Pass |
| 62.4706 | 20 | 3 kHz | 1 | 43.3 | 66.8 | 111.3 | 2nd Harmonic - no emission detected; receiver noise floor | Pass |
| 93.7059 | 25 | 3 kHz | 1 | 46.8 | 75.3 | 111.3 | 3rd Harmonic - no emission detected; receiver noise floor | Pass |

* Cable loss above 40 GHz is for external mixer IF (221MHz) cable loss.

** All other emissions greater than 20 dB below the specification were not reported

*** Spectrum search performed from 30 MHz to 100 GHz

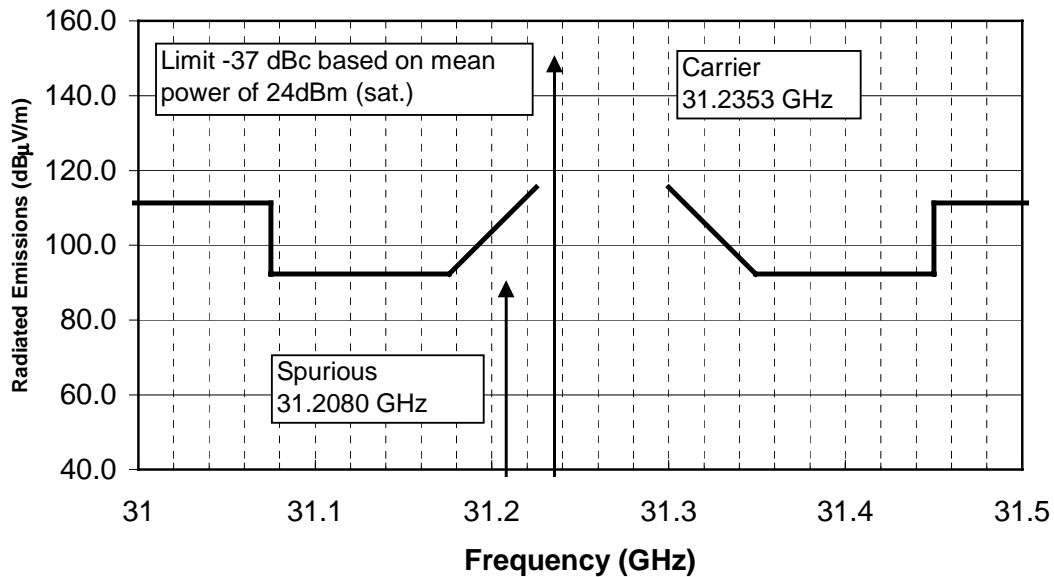


Figure 9.3-1 CPE Data radiated spurious emissions

9.4 Frequency Stability vs Temperature and Voltage

The CPE was tested for frequency stability over a temperature range of -30° to $+50^{\circ}$ C and an input supply voltage of $\pm 15\%$ at its saturated output power (+24dBm). See Table 9.4-1 for actual test data and Figure 9.4-1 for a graphical presentation of the stability data for the CPE Data carrier.

Table 9.4-1 Frequency Stability Test Data – CPE Data

| f_0 | 31.235220 GHz | | % Error | | FCC Limit |
|--------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-----------|
| $^{\circ}$ C | f @ -15% rated voltage in GHz | f @ +15% rated voltage in GHz | % Error @ -15% rated voltage | % Error @ +15% rated voltage | |
| -30 | 31.23522040 | 31.23522033 | 0.00000128% | 0.00000106% | 0.001% |
| -20 | 31.23522033 | 31.23522037 | 0.00000106% | 0.00000118% | 0.001% |
| -10 | 31.23522027 | 31.23522030 | 0.00000086% | 0.00000096% | 0.001% |
| 0 | 31.23522040 | 31.23522033 | 0.00000128% | 0.00000106% | 0.001% |
| 10 | 31.23522027 | 31.23522040 | 0.00000086% | 0.00000128% | 0.001% |
| 20 | 31.23522027 | 31.23522030 | 0.00000086% | 0.00000096% | 0.001% |
| 30 | 31.23522033 | 31.23522027 | 0.00000106% | 0.00000086% | 0.001% |
| 40 | 31.23522033 | 31.23522033 | 0.00000106% | 0.00000106% | 0.001% |
| 50 | 31.23522030 | 31.23522033 | 0.00000096% | 0.00000106% | 0.001% |

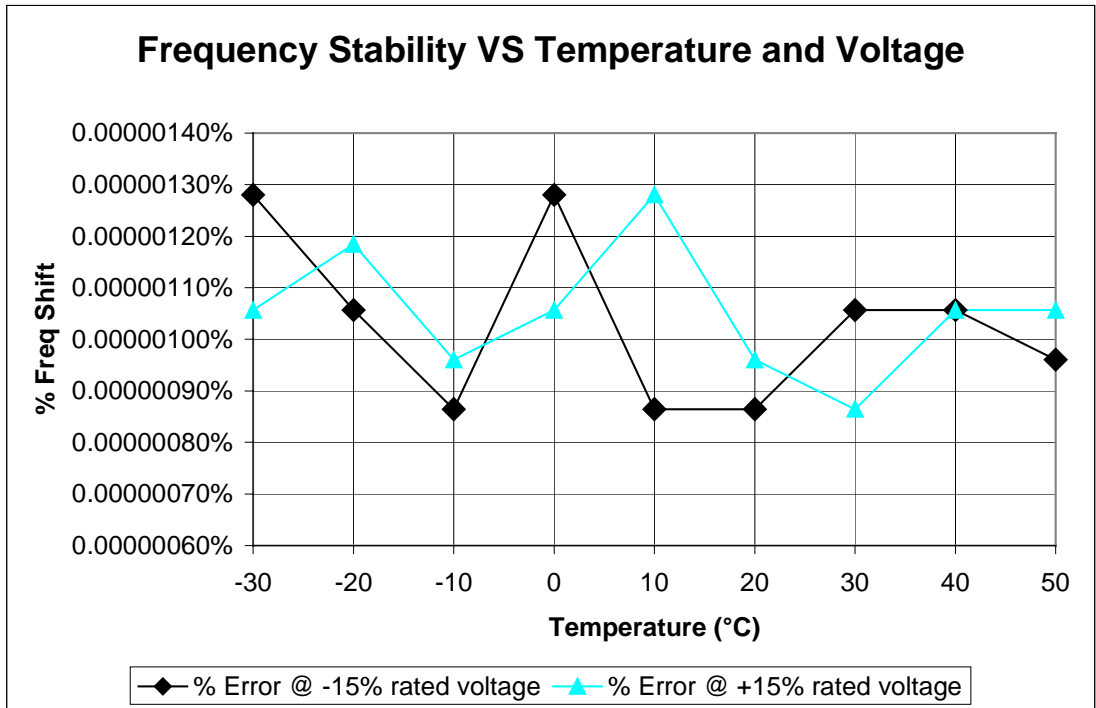


Figure 9.4-1 Frequency Stability Graph – CPE Data